IDS Form PTO/SB/08: Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 2

Complete if Known	
Application Number	10/587,831
Filing Date	July 28, 2006
First Named Inventor	Frank VITZTHUM
Art Unit	1634
Examiner Name	T. Crow
Attorney Docket Number	05552.1470-00000

U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS

Examiner Initials	Cite No.[1]	Document Number Number-Kind Code[2] *(if known)*	Issue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-2008/0227086 A1	09-18-2008	VITZTHUM	
		US-4,683,202	07-28-1987	MULLIS	
		US-2005/0164199 A1	07-28-2005	STANZEL et al.	
		US-2003/0219775 A1	11-27-2003	WARD et al.	

Note: Submission of copies of U.S. Patents and published U.S. Patent Applications is not required.

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No.[1]	Foreign Patent Document Country Code[3] Number[4] Kind Code[5] *(if known)*	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation[6]
		EPA 1 264 833 A2	11-12-2002	PROLINX, INC.		
		DE 100 07 531 A1	02-18-2000	VITZTHUM		Derwent Abstract
		WO 03/089650 A2	10-30-2003	SEIWERT, et al.		
		WO 90/03446	05-04-1990	PUBLIC HEALTH RESEARCH INSTITUTE OF THE CITY OF NEW YORK, INC.		
		WO 03/000917 A2	03-01-2003	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA		
		EP 0 745 690 A2	04-12-1996	THE PUBLIC HEALTH RESEARCH INSTITUTE OF THE CITY OF NEW YORK, INC.		
		WO 02/00678 A1	01-03-2002	WINGER, EDWARD E.		
		WO 01/71043 A1	09-27-2001	WUANTUM DOT CORP.		
		WO 03/076653 A2	09-18-2003	SIMON FRASER UNIVERSITY		

NONPATENT LITERATURE DOCUMENTS

Examiner	Cite	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item	Translation[6]

IDS Form PTO/SB/08: Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				*Application Number*	10/587,831
				Filing Date	July 28, 2006
				First Named Inventor	Frank VITZTHUM
				Art Unit	1634
(Use as many sheets as necessary)				*Examiner Name*	T. Crow
Sheet	2	of	2	*Attorney Docket Number*	05552.1470-00000

NONPATENT LITERATURE DOCUMENTS			
Initials*	No.[1]	(book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	
		BARALDI, P.G., et al. (2001) Design, Synthesis, DNA Binding, and Biological Evaluation of Water-Soluble Hybrid Molecules Containing Two Pyrazole Analogues of the Alkylating cyclopropylprroloindole (CPI) Subunit of the Antitumor Agent CC-1065 and Polypyrrole Minor Groove Binders. J. Med. Chem. 44, 2536-2543.	
		BEIR, M., et al. (1999) Chemical Etiology of Nucleic Acid Structure: Comparing Pentopyranosyl-(2'→4') Oligonucleotides with RNA. Science 283, 699-703..	
		BRITTEN, R.J. and D.E. KOHNE. (1968) Repeated Sequences in DNA, Hundreds of thousands of copies of DNA sequences have been incorporated into the genomes of higher organisms. 161, No. 3841, 529-540.	
		FANG, Ya-Yin, et al., (2004) Ni(II) Arg-Gly-His-DNA Interactions: Investigation into the basis for Minor-Groove Binding and Recognition. J. AM. CHEM. SOC. 126, 5403-5412.	
		FORRER, P., et al. (2003) A novel strategy to design binding molecules harnessing the modular nature of repeat proteins. FEBS Letters 539, 2-6.	
		GALAU, G.A., et al. (1997) Studies on nucleic acid reassociation kinetics: Rate of hybridization of excess RNA with DNA, compared to the rate of DNA renaturation. Proc. Natl. Acad. Sct US 74, No. 3, 1020-1023.	
		HINTSCHE, R. (1999) Electrishe DNA-Chiptechnologie; Medizineschegenetik, Ausgabe 11	
		HOWELEY, P.M., et al. (1979) A Rapid Method for Detecting and Mapping homology between Heterologous DNAs. The Journal of Biological Chemistry 254, No. 22, 4876-4883.	
		KURRECK, J., et al. (2002) Design of antisense oligonucleotides stabilized by locked nucleic acids. Nucleic Acids Research, 30, No. 9, 1911-1918.	
		LEITCH, I. and HESLOP-HARRIS, J.S. (Pat) (1994) Detection of Digoxigenin-Labeled DNA Probes Hybridized to Plant Chromosomes *In Situ*. Methods in Molecular Biology, 28, 177-185.	
		MEINKOTH, J. and WAHL, G. (1984) Hybridization of Nucleic Acids Immobilized on Solid Supports. Analytical Biochemistry 138, 267-284.	
		NIELSEN, P.E. and EGHOLM, M. (1999) An Introduction to Peptide Nucleic Acid. Molec. Biol. 1(2), 89-104.	
		ROSU, F. et al. (2002) Triplex and quadruplex DNA structures studied by electrospray mass spectrometry. Rapid Communications in Mass Spectrometry 16, 1729-1736.	
		SAIKI, R.K., et al. Enzymatic Amplication of ß-Globin Genomic Sequences and Restriction Site Analysis for Diagnosis of Sickle Cell Anemia. Science 230, 1350-1354.	
		SHIM, Yong-Ho, et al. (2004) Relative DNA binding affinity of helix 3 homeodomain analogues, major groove binders, can be rapidly screened by displacement of prebound ethidium bromide. A comparative study. Org. Biomol. Chem. 2, 915-921.	
		SKERRA, A. (2000) Lipocalins as a scaffold. Biochimica et Biophysica Acta 1482, 337-350.	
		SKERRA, A. (2001) 'Anticalins': a new class of engineered ligand-binding proteins with antibody-like properties. Reviews in Molecular Biotechnology 74, 257-275.	
		SMITH, D., et al. (2003) Sensitivity and Specificity of Photoaptamer Probes. The American Society for Biochemistry and Molecular Biology, Inc. 11-18.	
		SMITH, M.J., et al. (1975) Studies on nucleic acid reassociation kinetics: Reactivity of single-stranded tails in DNA-DNA renaturation. Proc. Nat. Acad. Sct. USA 72, No. 12, 4805-4809.	
		TORSVIK, V., et al. (1998) Novel techniques for analysing microbial diversity in natural and perturbed environments. Journal of Biotechnology 64, 53-62.	
		TORSVIK, V., et al. (1990) High Diversity in DNA of Soil Bacteria. Applied and Environmental Microbiology, 782-787.	
		VITZTHUM, F. and BERNHAGEN, J. (2002) SYBR Green I: An ultrasensitive fluorescent dye for double-stranded DNA quantification in solution and other applications. Recent Res. Devel. Anal. Biochem. 2, 65-93.	
		ZIPPER, H., et al. (2003) Mechanisms underlying the impact of humic acids on DNA quantification by SYBR Green I and consequences for the analysis of soils and aquatic sediments. Nucleic Acids Research 31, No. 7, 1-16.	

Examiner Signature		Date Considered	